

**ABSTRACT OF THE DISCLOSURE**

5       A tilt switch includes a housing body with a modular concavity,  
light emitting and receiving units disposed in the housing body,  
a modular insert body inserted into the concavity and having an  
entry hole for admitting entry of only a portion of a light beam  
emitting from the emitting unit so as to form a narrower beam  
of incident light that travels in a light path, and an  
accommodation chamber with a transit route which extends to  
intersect the light path at an intersection, a ball member  
10       received in the chamber and rollable across the intersection when  
the housing is tilted, an optoelectronic sensor member that shifts  
the state of the switch when the ball member is lunched as a result  
of tilting for interrupting or restoring the transmission of the  
light beam, and a modular cover disposed to cover the concavity.